

Converting Colors

$Yxy(75.9901, 0.2884, 0.3015)$

Have a look what the booklet for
Yxy(75.9901, 0.2884, 0.3015)
contains.

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Color

Yxy(75.7807, 0.2881, 0.3005)

Conversions

Conversions Part 1

Format	Color
Hex	D6E2FD
RGB	214, 226, 253
RGB Percent	84%, 89%, 99%
CMY	0.1609, 0.1137, 0.0077
CMYK	0.15, 0.11, 0.00, 0.01
HSL	222°, 91%, 92%
HSV	222°, 15%, 99%
XYZ	72.6536, 75.7807, 103.7477
YIQ	225.4900, -15.8190, 5.8530

Conversions

Conversions Part 2

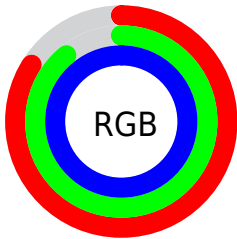
Format	Color
R _Y B	214, 223, 253
Decimal	14082813
CIE Lab	89.76, 1.32, -14.46
CIE LCh	90, 14.524, 275.205
Yxy	75.7807, 0.2881, 0.3005
Android (android.graphics.Color)	4292272893 (0xFFD6E2FD)
YUV	225.4900, 13.5624, -10.0767
Hunter-Lab	87.0521, -3.3652, -9.7247

Details

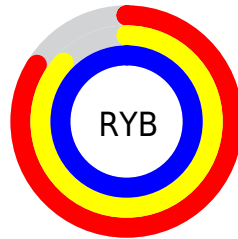
The Yxy color **75.7807, 0.2881, 0.3005** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **88.6431, 0.3377, 0.3560**, and the grayscale version is **75.5745, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.4823, 0.2828, 0.2948** is the 20% darker color. If you saturate the color by 10%, you get **63.2303, 0.2708, 0.2792**, and if you desaturate by 10%, it is **89.9003, 0.3044, 0.3196**.

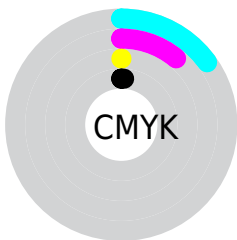
Distribution



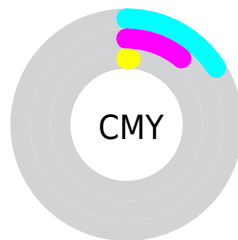
- Red (84%)
- Green (89%)
- Blue (99%)



- Red (84%)
- Yellow (87%)
- Blue (99%)



- Cyan (15%)
- Magenta (11%)
- Yellow (0%)
- Black (1%)



- Cyan (16%)
- Magenta (11%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.7807, 0.2881, 0.3005 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 75.7807, 0.2881, 0.3005 by changing the saturation by 10% instead.

■ 75.7807, 0.2881,
0.3005

■ 75.7807, 0.2881,
0.3005

480.5967, 0.2994,
0.3135

■ 56.2527, 0.2856,
0.2976

127.4169, 0.2920,
0.3050

■ 40.4056, 0.2824,
0.2940

160.2938, 0.2935,
0.3067

■ 27.8549, 0.2785,
0.2895

198.3892, 0.2948,
0.3082

■ 18.2163, 0.2734,
0.2837

242.0875, 0.2960,
0.3096

■ 11.1054, 0.2666,
0.2759

291.7729, 0.2970,
0.3107

■ 6.1378, 0.2569,
0.2650

347.8300, 0.2979,

■ 2.9290, 0.2423,

0.3117

0.2485

410.6431, 0.2987,
0.3127

■ 1.0948, 0.2178,
0.2212

■ 0.0000, 0.0067,
0.0000

■ 75.7807, 0.2881,
0.3005

■ 75.7807, 0.2881,
0.3005

■ 63.2303, 0.2708,
0.2792

■ 89.9003, 0.3044,
0.3196

■ 52.1835, 0.2526,
0.2558

99.8736, 0.3139,
0.3309

■ 42.5835, 0.2342,
0.2305

■ 34.3666, 0.2161,
0.2040

■ 27.4632, 0.1992,
0.1772

■ 21.7975, 0.1843,
0.1512

■ 17.2841, 0.1723,
0.1273

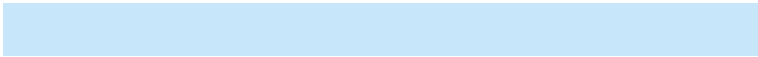
■ 13.8236, 0.1637,
0.1067

■ 12.5437, 0.1607,
0.0985

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.7807, 0.2804, 0.3072



75.7807, 0.2881, 0.3005



75.7807, 0.3024, 0.3013

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.7807, 0.2881, 0.3005



75.7807, 0.3454, 0.3364



75.7807, 0.3050, 0.3504

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



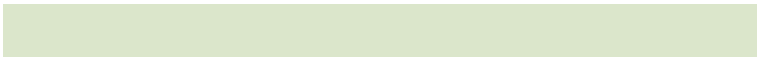
75.7807, 0.2881, 0.3005



88.6431, 0.3377, 0.3560

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.7807, 0.3224, 0.3586



75.7807, 0.2881, 0.3005



75.7807, 0.3460, 0.3498

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.7807, 0.2881, 0.3005



75.7807, 0.3357, 0.3216



75.7807, 0.3375, 0.3582



75.7807, 0.2900, 0.3361

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.7807, 0.2881, 0.3005



75.7807, 0.3140, 0.3057



75.7807, 0.3375, 0.3582



75.7807, 0.3107, 0.3540

Sweetspot

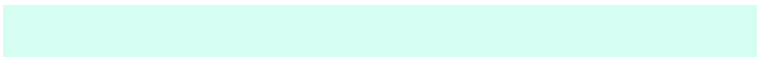
The Sweet Spot groups the original color and five complimentary colors.



75.7838, 0.2881, 0.3005



92.1631, 0.3051, 0.3203



90.8896, 0.2959, 0.3418



19.4981, 0.3040, 0.3191



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.7838, 0.2881, 0.3005



72.3913, 0.2820, 0.2931



70.5638, 0.2924, 0.2880



18.2911, 0.2979, 0.3121



6.8967, 0.1615, 0.1013



0.8555, 0.1676, 0.1234

Inverse Universe

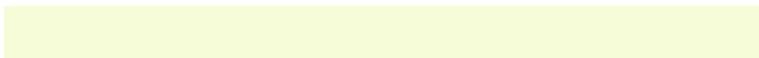
The Inverse Universe completely reimagines the original color for something new.



74.4570, 0.3332, 0.3169



70.9144, 0.3389, 0.3140



94.6897, 0.3312, 0.3680



18.0793, 0.3246, 0.3217



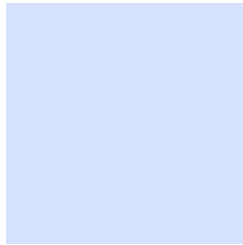
11.4242, 0.5739, 0.2935



1.1309, 0.5419, 0.2759

Previews

White Background



This preview shows how the Yxy color 75.7807, 0.2881, 0.3005 looks on a white background.

Color Contrast Check

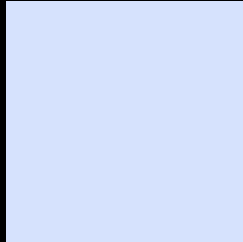
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 75.7807, 0.2881, 0.3005 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

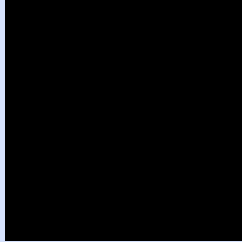
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

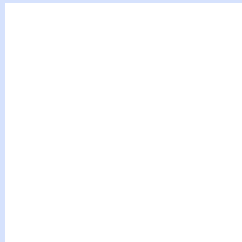
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.7807, 0.2881, 0.3005

Background



This preview shows how black text looks on a background with the Yxy color 75.7807, 0.2881, 0.3005.

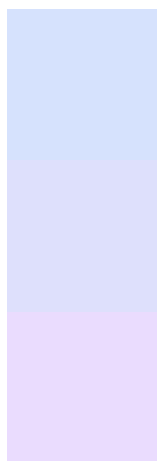


This preview shows how white text looks on a background with the Yxy color 75.7807, 0.2881, 0.3005.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

75.7807, 0.2881, 0.3005

Protanopia

75.8692, 0.2938, 0.2998

Deuteranopia

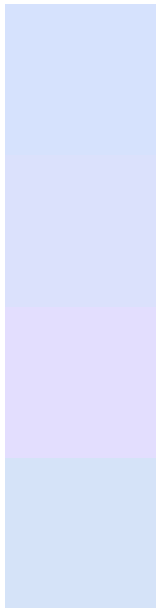
75.8346, 0.3006, 0.2944



Tritanopia

75.6769, 0.2922, 0.3098

Trichromacy



Original Color

75.7807, 0.2881, 0.3005

Protanomaly

75.9388, 0.2919, 0.3007

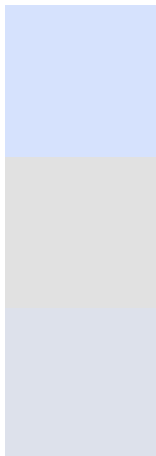
Deuteranomaly

75.7292, 0.2959, 0.2960

Tritanomaly

75.8616, 0.2905, 0.3067

Monochromacy



Original Color

75.7807, 0.2881, 0.3005

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.2207, 0.3036, 0.3183

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.7807, 0.2881, 0.3005 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(214, 226, 253)` looks like.

```
.text, #text, p{  
    color:rgb(214, 226, 253)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(214, 226, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 226, 253) }
```

Border

The CSS property to change the border of an element to Yxy 75.7807, 0.2881, 0.3005 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(214, 226, 253) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(214, 226, 253) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(214, 226, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 226, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 226, 253);  
box-shadow:4px 4px 4px 4px rgb(214, 226,  
253) }
```


Background

The CSS property to change the background color of an element to Yxy 75.7807, 0.2881, 0.3005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 226, 253) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(214,  
226, 253) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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